

Comparisons of Job Characteristics

Focus Occupation: [Logging Equipment Operators \(45-4022\)](#)

Associated Occupation: [Operating Engineers and Other Construction Equipment Operators \(47-2073\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 64

Focus Occupation: Logging Equipment Operators (45-4022)

Associated Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Building and Construction	4.0	15.0	2.9	<< Extensive education and/or training may be required
Mechanical	6.8	13.4	14.4	0 Current knowledge level may be sufficient
Public Safety and Security	6.9	10.5	6.8	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Logging Equipment Operators (45-4022)

Associated Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	13.4	13.3	0 Current skill level may be sufficient
Operation Monitoring	6.6	10.0	11.6	> Skill level is likely sufficient
Equipment Maintenance	3.5	6.9	9.2	>> Skill level is likely more than sufficient
Troubleshooting	4.5	6.6	7.3	> Skill level is likely sufficient
Repairing	3.4	6.4	8.0	> Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Logging Equipment Operators (45-4022)**Associated Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Multilimb Coordination	6.0	13.2	13.9	0	Current ability level may be sufficient
Control Precision	6.6	12.6	13.6	0	Current ability level may be sufficient
Depth Perception	5.3	12.2	13.0	0	Current ability level may be sufficient
Reaction Time	4.8	9.7	14.1	>>	Current ability level is likely more than sufficient
Response Orientation	4.0	8.7	11.4	>>	Current ability level is likely more than sufficient
Rate Control	3.8	8.6	9.7	>	Current ability level is likely sufficient
Glare Sensitivity	2.6	5.5	5.0	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Logging Equipment Operators (45-4022)**Associated Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)**

Work Activities	Exclusivity of Activity
Fasten attachments or accessories to tractor	92
Grade or redistribute earth for roads or other construction	87
Operate material moving, loading, or unloading equipment	75
Operate tractor with accessories or attachments	76
Signal directions or warnings to coworkers	42

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Logging Equipment Operators (45-4022)**Associated Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)**

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.